Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 02 Apr 2023 until 23:59 on Monday 03 Apr 2023

Forecast Issued on Sunday 02 Apr 2023 at 03:28

Confidence: High confidence for a change to settled, drier and sunnier conditions on Sunday. Some uncertainty in the timing of frontal systems moving in from the west by midweek.

Headline for Sunday 02 Apr 2023: Becoming drier and brighter, after a cloudy start, with lengthy spells of sunshine developing. Windy and feeling cold on the hill tops.

Mountain weather hazards on Sunday 02 Apr 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Sunny	Sunny	Sunny	Clear night	Clear night
Precipitation probability					
<05%	<05%	<05%	<05%	<05%	<05%

Forecast for Sunday 02 Apr 2023

Weather: Low cloud, mist and fog will quickly thin and break to give some bright or sunny spells by mid-morning. Staying dry throughout, with lengthy spells of sunshine during the afternoon and early evening. Dry with clear skies after dark and turning chilly.

Chance of cloud-free hill tops above 600m: 40% initially, increasing to 100% by mid-morning.

Low Cloud and visibility: Extensive low cloud, with bases down to 400m very early on, with very poor visibility on the summits. Low cloud lifting to above the summits by mid-morning, with visibility becoming very good or excellent, with distant hills clearly visible.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Sunday 02 Apr 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/18 NE	12/16 NE	8/11 NE	8/12 E	7/14 E	6/13 E	9/19 SE
300	8/16 NE	8/14 E	6/9 NE	7/11 E	6/13 E	5/15 E	5/13 E
Valley	8/16 NE	7/12 E	3/6 E	5/9 E	6/13 E	8/19 E	8/18 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	1/-4	2/-3	4/1	5/2	4/1	1/-2	-0/-5
300	3/0	6/3	8/6	9/7	7/4	3/0	1/-2
Valley	5/2	7/5	10/9	11/10	8/7	5/2	3/-0
Freezing Level*	600m	600m	800m	900m	800m	600m	400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Good navigation skills will be required for those venturing onto the tops and high moors early on Sunday morning, although conditions improving by mid-morning. Also, note the added wind chill on the summits due to the strong easterly wind blowing.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 02 Apr 2023	0mm	1.6mm	11.6mm

Forecast for Monday 03 Apr 2023

Weather: Dry, clear and cold overnight, with a fairly widespread frost. Otherwise, it will be dry with plenty of sunshine throughout the day. Despite the sunshine it will feel chilly on the summits due to the wind. Staying dry, clear and cold after dark, with winds easing.

Maximum wind: South-easterly 15-20mph, with occasional gusts up to 25-30mph, on the summits. Winds easing later in the day, down to 5-10mph.

Chance of cloud-free hill tops above 600m: 100% throughout.

Low Cloud and visibility: Very good visibility throughout, with excellent views of distant hills. Any cloud bases will be above the summits.

Temperature: **Valleys:** Minus 2 Celsius, becoming Plus 10 Celsius.
At 600m: Minus 3 Celsius, becoming Plus 5 Celsius.
Freezing level: 400 metres. Rising to above the summits by early afternoon.

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